

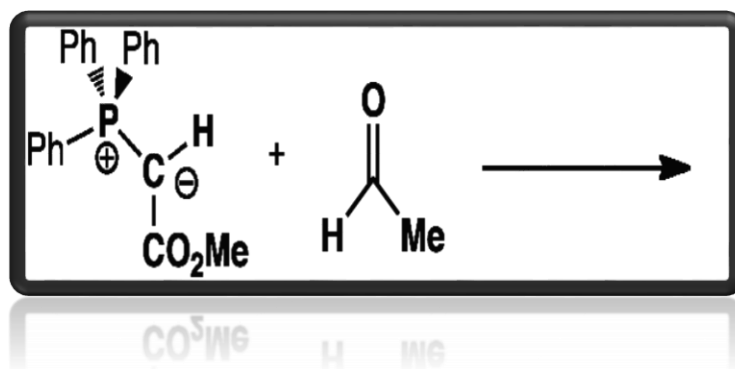
Soal latihan

1. Tulislah nama dari turunan aldehid dan keton berikut ini?

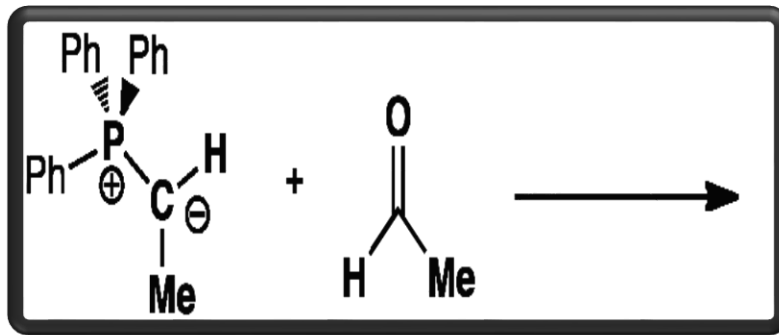
a.	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \underset{\text{CH}_3}{\text{CH}} - \text{C} \begin{array}{l} \text{=O} \\ \text{H} \end{array}$
b.	$\text{CH}_3 - \overset{\text{O}}{\underset{\text{ }}{\text{C}}} - \underset{\text{CH}_3}{\overset{\text{CH}_3}{\text{C}}} - \text{CH}_3$
c.	$\text{CH}_3 - \overset{\text{O}}{\underset{\text{ }}{\text{C}}} - \text{CH}_2 - \underset{\text{CH}_3}{\text{CH}} - \text{CH}_3$
d.	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{C} \begin{array}{l} \text{=O} \\ \text{H} \end{array}$
e.	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{C} \begin{array}{l} \text{=O} \\ \text{H} \end{array}$

2. Sarankan produk dari reaksi-reaksi pada turunan aldehid dan keton berikut ini?

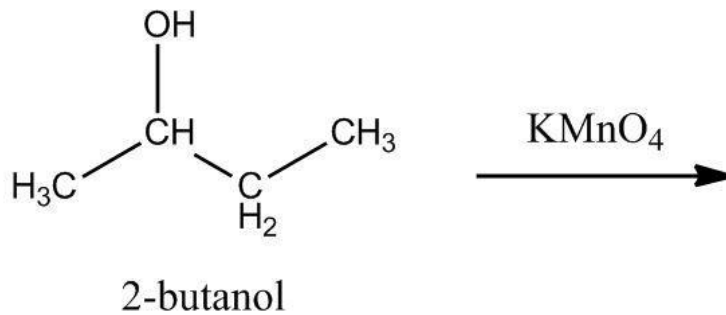
a. reaksi wittiq



b. reaksi wittig



c. reaksi oksidasi 2 butanol



- d. propanal + $\text{CH}_3\text{CH}_2\text{-Mg-Br} \rightarrow ???$
- e. Propil metil keton + $\text{NaBH}_4 \rightarrow ???$
- f. Aseton + $\text{CH}_3\text{-NH}_2 \rightarrow ????$
- g. Sikloheksanon + pereaksi wolff-Kishner $\rightarrow ???$

3. Tuliskan struktur senyawa berikut

- a. 2,2,4 trimetil 3-pentanon
- b. Metil etil keton
- c. Asam, 2-bromo propanal
- d. 3,5 Dimetilsikloheksanakarbaldehid
- e. 2-Metil-3-heptanon

